# Wenbin Li

List of Publications by Year
in descending order



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|---|---|---|---|
| 60 papers | 1,523 citations | 361413 20 h-index | 345221 36 g-index |
| 61 all docs | 61 docs citations | 61 times ranked | 1491 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Growth Repressor GmRAV Binds to the GmGA3ox Promoter to Negatively Regulate Plant Height Development in Soybean. International Journal of Molecular Sciences, 2022, 23, 1721. | 4.1 | 11 |
| 2 | Overexpression of Soybean GmWRI1a Stably Increases the Seed Oil Content in Soybean. International Journal of Molecular Sciences, 2022, 23, 5084. | 4.1 | 12 |
| 3 | Editorial Expression of Concern: The bio-mitigation of acetochlor in soil using Rhodopseudomonas capsulata in effluent after wastewater treatment. Journal of Soils and Sediments, 2021, 21, 1905-1905. | 3.0 | 0 |
| 4 | The soybean GmNFY-B1 transcription factor positively regulates flowering in transgenic Arabidopsis. Molecular Biology Reports, 2021, 48, 1589-1599. | 2.3 | 4 |
| 5 | GmIDD Is Induced by Short Days in Soybean and May Accelerate Flowering When Overexpressed in Arabidopsis via Inhibiting AGAMOUS-LIKE 18. Frontiers in Plant Science, 2021, 12, 629069. | 3.6 | 2 |
| 6 | Overexpression of GmGAMYB Accelerates the Transition to Flowering and Increases Plant Height in Soybean. Frontiers in Plant Science, 2021, 12, 667242. | 3.6 | 17 |
| 7 | GmRAV confers ecological adaptation through photoperiod control of flowering time and maturity in soybean. Plant Physiology, 2021, 187, 361-377. | 4.8 | 19 |
| 8 | GmFULc Is Induced by Short Days in Soybean and May Accelerate Flowering in Transgenic Arabidopsis thaliana. International Journal of Molecular Sciences, 2021, 22, 10333. | 4.1 | 7 |
| 9 | Genomeâ€wide association analysis of sucrose concentration in soybean (Glycine max L.) seed based on highâ€throughput sequencing. Plant Genome, 2020, 13, e20059. | 2.8 | 15 |
| 10 | Impact of Soybean Nodulation Phenotypes and Nitrogen Fertilizer Levels on the Rhizosphere Bacterial Community. Frontiers in Microbiology, 2020, 11, 750. | 3.5 | 15 |
| 11 | Linkage Analysis and Multi-Locus Genome-Wide Association Studies Identify QTNs Controlling Soybean Plant Height. Frontiers in Plant Science, 2020, 11, 9. | 3.6 | 20 |
| 12 | GmRAV1 regulates regeneration of roots and adventitious buds by the cytokinin signaling pathway in Arabidopsis and soybean. Physiologia Plantarum, 2019, 165, 814-829. | 5.2 | 19 |
| 13 | Identification of loci and candidate genes for plant height in soybean ( Glycine max ) via genomeâ€wide association study. Plant Breeding, 2019, 138, 721-732. | 1.9 | 8 |
| 14 | Overexpressing Sesamum indicum L.â€™s DGAT1 increases the seed oil content of transgenic soybean. Molecular Breeding, 2019, 39, 1. | 2.1 | 11 |
| 15 | Genome-wide identification and expression analysis of the VQ gene family in soybean (Glycine) Tj ETQq1 1 0.784314 rgBT /Ov | 2.0 | 14 |
| 16 | Synthesis and Application of Nanomagnetic Immobilized Phospholipase C. Journal of Chemistry, 2019, 2019, 1-9. | 1.9 | 6 |
| 17 | Identification of major QTLs associated with agronomical traits and candidate gene mining in soybean. Biotechnology and Biotechnological Equipment, 2019, 33, 1481-1493. | 1.3 | 5 |
| 18 | Identification of genetic loci and candidate genes related to soybean flowering through genome wide association study. BMC Genomics, 2019, 20, 987. | 2.8 | 15 |

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|---|---|---|---|
| 19 | The bio-mitigation of acetochlor in soil using Rhodopseudomonas capsulata in effluent after wastewater treatment. Journal of Soils and Sediments, 2019, 19, 2927-2933. | 3.0 | 6 |
| 20 | Genome-wide association mapping for seed protein and oil contents using a large panel of soybean accessions. Genomics, 2019, 111, 90-95. | 2.9 | 52 |
| 21 | Identification of Traits Contributing to High and Stable Yields in Different Soybean Varieties Across Three Chinese Latitudes. Frontiers in Plant Science, 2019, 10, 1642. | 3.6 | 39 |
| 22 | Mapping QTLs for protein and oil content in soybean by removing the influence of related traits in a four-way recombinant inbred line population. Journal of Agricultural Science, 2019, 157, 659-675. | 1.3 | 14 |
| 23 | Genome-wide identification and expression analysis of the 14-3-3 gene family in soybean (Glycine max). PeerJ, 2019, 7, e7950. | 2.0 | 25 |
| 24 | Transgenic soybean plants expressing Spb18S dsRNA exhibit enhanced resistance to the soybean pod borer Leguminivora glycinivorella (Lepidoptera: Olethreutidae). Archives of Insect Biochemistry and Physiology, 2018, 98, e21461. | 1.5 | 10 |
| 25 | Preparation and characterization of Niâ€Agx/SBAâ€15 and its catalytic properties on the hydrogenation of soybean oil. Journal of Food Process Engineering, 2018, 41, e12926. | 2.9 | 2 |
| 26 | Identification of QTNs Controlling Seed Protein Content in Soybean Using Multi-Locus Genome-Wide Association Studies. Frontiers in Plant Science, 2018, 9, 1690. | 3.6 | 40 |
| 27 | Functional Analysis of RNA Interference-Related Soybean Pod Borer (Lepidoptera) Genes Based on Transcriptome Sequences. Frontiers in Physiology, 2018, 9, 383. | 2.8 | 14 |
| 28 | Natural variation in Gm<scp>GBP</scp>1 promoter affects photoperiod control of flowering time and maturity in soybean. Plant Journal, 2018, 96, 147-162. | 5.7 | 45 |
| 29 | RNA interference-mediated silencing of genes involved in the immune responses of the soybean pod borer Leguminivora glycinivorella (Lepidoptera: Olethreutidae). PeerJ, 2018, 6, e4931. | 2.0 | 10 |
| 30 | Expression of the doubleâ€stranded RNA of the soybean pod borer Leguminivora glycinivorella (Lepidoptera: Tortricidae) ribosomal protein P0 gene enhances the resistance of transgenic soybean plants. Pest Management Science, 2017, 73, 2447-2455. | 3.4 | 33 |
| 31 | Quantitative trait loci with additive and epistatic effects underlying resistance to two <scp>HG</scp> types of soybean cyst nematode. Plant Breeding, 2017, 136, 720-727. | 1.9 | 8 |
| 32 | Functional analysis of the GmESR1 gene associated with soybean regeneration. PLoS ONE, 2017, 12, e0175656. | 2.5 | 3 |
| 33 | Domestication footprints anchor genomic regions of agronomic importance in soybeans. New Phytologist, 2016, 209, 871-884. | 7.3 | 152 |
| 34 | Functional conservation and divergence of Gm<scp>CHLI</scp> genes in polyploid soybean. Plant Journal, 2016, 88, 584-596. | 5.7 | 20 |
| 35 | Dynamic quantitative trait loci underlies isoflavone accumulation in soybean seed. Plant Breeding, 2016, 135, 335-341. | 1.9 | 6 |
| 36 | Molecular loci associated with seed isoflavone content may underlie resistance to soybean pod borer (Leguminivora glycinivorella). Plant Breeding, 2015, 134, 78-84. | 1.9 | 15 |

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|---|---|---|---|
| 37 | Overexpression of GmERF5, a new member of the soybean EAR motif-containing ERF transcription factor, enhances resistance to Phytophthora sojae in soybean. Journal of Experimental Botany, 2015, 66, 2635-2647. | 4.8 | 121 |
| 38 | Mapping Isoflavone QTL with Main, Epistatic and QTL Ã— Environment Effects in Recombinant Inbred Lines of Soybean. PLoS ONE, 2015, 10, e0118447. | 2.5 | 30 |
| 39 | Isolation and Characterization of a Novel Pathogenesis-Related Protein Gene (GmPRP) with Induced Expression in Soybean (Glycine max) during Infection with Phytophthora sojae. PLoS ONE, 2015, 10, e0129932. | 2.5 | 54 |
| 40 | Identification of MicroRNAs in Response to Different Day Lengths in Soybean Using High-Throughput Sequencing and qRT-PCR. PLoS ONE, 2015, 10, e0132621. | 2.5 | 16 |
| 41 | Overexpression of SiDGAT1, a gene encoding acyl-CoA:diacylglycerol acyltransferase from Sesamum indicum L. increases oil content in transgenic Arabidopsis and soybean. Plant Cell, Tissue and Organ Culture, 2014, 119, 399-410. | 2.3 | 38 |
| 42 | A novel adsorbent obtained by caging activated carbon by konjac glucomannan gel for elimination of organic compounds. Journal of Applied Polymer Science, 2014, 131, . | 2.6 | 2 |
| 43 | The promoter of soybean photoreceptor GmPLP1 gene enhances gene expression under plant growth regulator and light stresses. Plant Cell, Tissue and Organ Culture, 2013, 114, 109-119. | 2.3 | 17 |
| 44 | Identification of QTL underlying mass filling rate at different developmental stages of soybean seed. Euphytica, 2013, 189, 249-260. | 1.2 | 9 |
| 45 | Roles for a soybean RAV-like orthologue in shoot regeneration and photoperiodicity inferred from transgenic plants. Journal of Experimental Botany, 2012, 63, 3257-3270. | 4.8 | 22 |
| 46 | Transgenic expression of ThIPK2 gene in soybean improves stress tolerance, oleic acid content and seed size. Plant Cell, Tissue and Organ Culture, 2012, 111, 277-289. | 2.3 | 26 |
| 47 | SSR- and SNP-related QTL underlying linolenic acid and other fatty acid contents in soybean seeds across multiple environments. Molecular Breeding, 2012, 30, 169-179. | 2.1 | 35 |
| 48 | QTL underlying developmental behaviour of 100â€seed weight of soybean. Plant Breeding, 2012, 131, 600-606. | 1.9 | 9 |
| 49 | Impact of epistasis and QTLÂÃ—Âenvironmental interaction on the oil filling rate of soybean seed at different developmental stages. Euphytica, 2011, 177, 431-442. | 1.2 | 14 |
| 50 | Races of Phytophthora sojae and Their Virulences on Soybean Cultivars in Heilongjiang, China. Plant Disease, 2010, 94, 87-91. | 1.4 | 75 |
| 51 | Stable expression of Arabidopsis vacuolar Na+/H+ antiporter gene AtNHX1, and salt tolerance in transgenic soybean for over six generations. Science Bulletin, 2010, 55, 1127-1134. | 1.7 | 60 |
| 52 | Identification of QTL underlying soluble pigment content in soybean stems related to resistance to soybean white mold (Sclerotinia sclerotiorum). Euphytica, 2010, 172, 49-57. | 1.2 | 53 |
| 53 | Identification of QTL underlying the filling rate of protein at different developmental stages of soybean seed. Euphytica, 2010, 175, 227-236. | 1.2 | 15 |
| 54 | Identification of QTL underlying the oil filling rate at different developmental stages of soybean seed. Euphytica, 2010, 176, 391-402. | 1.2 | 4 |

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|---|---|---|---|
| 55 | Mapping QTL tolerance to Phytophthora root rot in soybean using microsatellite and RAPD/SCAR derived markers. Euphytica, 2008, 162, 231-239. | 1.2 | 86 |
| 56 | Identification of QTL underlying the resistance of soybean to pod borer, Leguminivora glycinivorella (Mats.) obraztsov, and correlations with plant, pod and seed traits. Euphytica, 2008, 164, 275. | 1.2 | 28 |
| 57 | A RAV-like transcription factor controls photosynthesis and senescence in soybean. Planta, 2008, 227, 1389-1399. | 3.2 | 67 |
| 58 | Quantitative trait loci underlying the development of seed composition in soybean (Glycine max L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.0 | 25 |
| 59 | Simultaneous Accumulation of High Contents of .ALPHA.-Tocopherol and Lutein is Possible in Seeds of Soybean (Glycine max (L.) Merr.). Breeding Science, 2007, 57, 297-304. | 1.9 | 22 |
| 60 | Analysis of embryo, cytoplasm and maternal effects on fatty acid components in soybean (Glycine max) Tj ETQq0 0 0 rgBT /Overlock 10 | 0.2 | 1 |